



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	REVISED	08/04/94	<i>JD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions BNC MIL-STD-348A Fig. 301.2	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 4	OSM MIL-STD-348A Fig. 310.1	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335 Sea Level	Recommended Mating Torque 4-6 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.30 Max at 0.5 to 4.0 GHz	Mating Characteristics: BNC OSM	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) 0.2√f(GHz)	Insertion (Lbs Max) 2.0 N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -55, 2 to 3 GHz	Withdrawal (Oz Min) 2.0 N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage/Disengage Longitudinal Force (Lb Max) 3.0 N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Torque (In-Lb Max) 2.5 2.0	
Contact Resistance (Milliohms MAX)	Contact Retention Axial (Lbs Min) 6.0	
Center Contact 4.1	Radial (In-Oz) N/A	
Outer Contact 2.2	Weight (Grams) TBD	
RF High Potential Sea Level (VRMS MIN) 5 MHz 670		
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING (OSB)	BRASS PER ASTM-B-16 HALF HARD	NICKEL PLATE PER QQ-N-290
HOUSING (OSM) COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY DATE DRW 6/16/67	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY KHW 6-9-77	
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USE ASSY PROCEDURE	TITLE BNC JACK TO OSM PLUG ADAPTER	
NO. AP. N/A	SIZE CODE IDENT NO. B 26805	REV 01 <sub>2</sub>
	SCALE 4:1	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058083-1  
SHEET 1 OF 1 REV A